

MISSOULA COUNTY SUBDIVISION REGULATION REWRITE PROJECT

HAZARDOUS LANDS

2016
Floodplain
Resource
Seminar
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PROJECT BACKGROUND

- **2011 Subdivision Regulation Assessment project**
- **Subdivision Regulation REWRITE Project initiated in 2014**
- **Consultant assistance**
- **Internal project review team**

PURPOSE FOR THE UPDATE

- Compliance with the Growth Policy
- Clarify existing language
- Codify interpretations and process
- Consistent formatting and language
- Implementation of best practices
- Lessons learned

OUTREACH AND EDUCATION

- Broad outreach efforts
- Targeted outreach efforts
- Education
 - Elected Officials
 - Advisory Boards
 - Public
- Community meetings



HAZARDOUS LANDS SECTION AMENDMENTS- GENERAL

- Reorganization and consolidation of hazardous lands standards
- Define hazards
- Develop general standards
 - Delineation of hazard
 - Notice to future owners
 - Avoid or mitigate hazard



SPECIFIC STANDARDS FOR FLOODPLAIN

- Land alteration prohibited in flood hazard area
- Zone A analysis
- No floodplain delineation
- Limit flood hazard area to common ownership



SPECIFIC STANDARDS FOR WILDFIRE HAZARD AREAS

- 2 step identification process-
 - WUI map
 - Site evaluation
- Defensible space- public infrastructure
- Maintenance
- Notice to future landowners

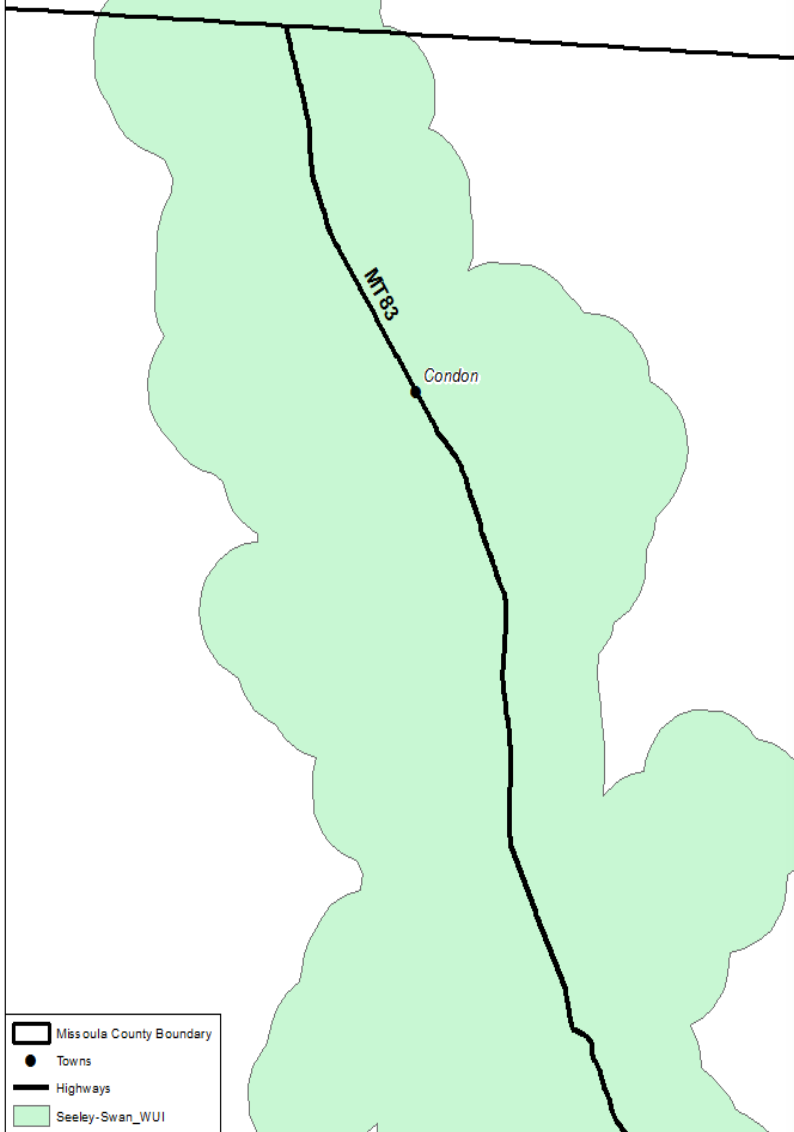


WILDFIRE RISK ASSESSMENT

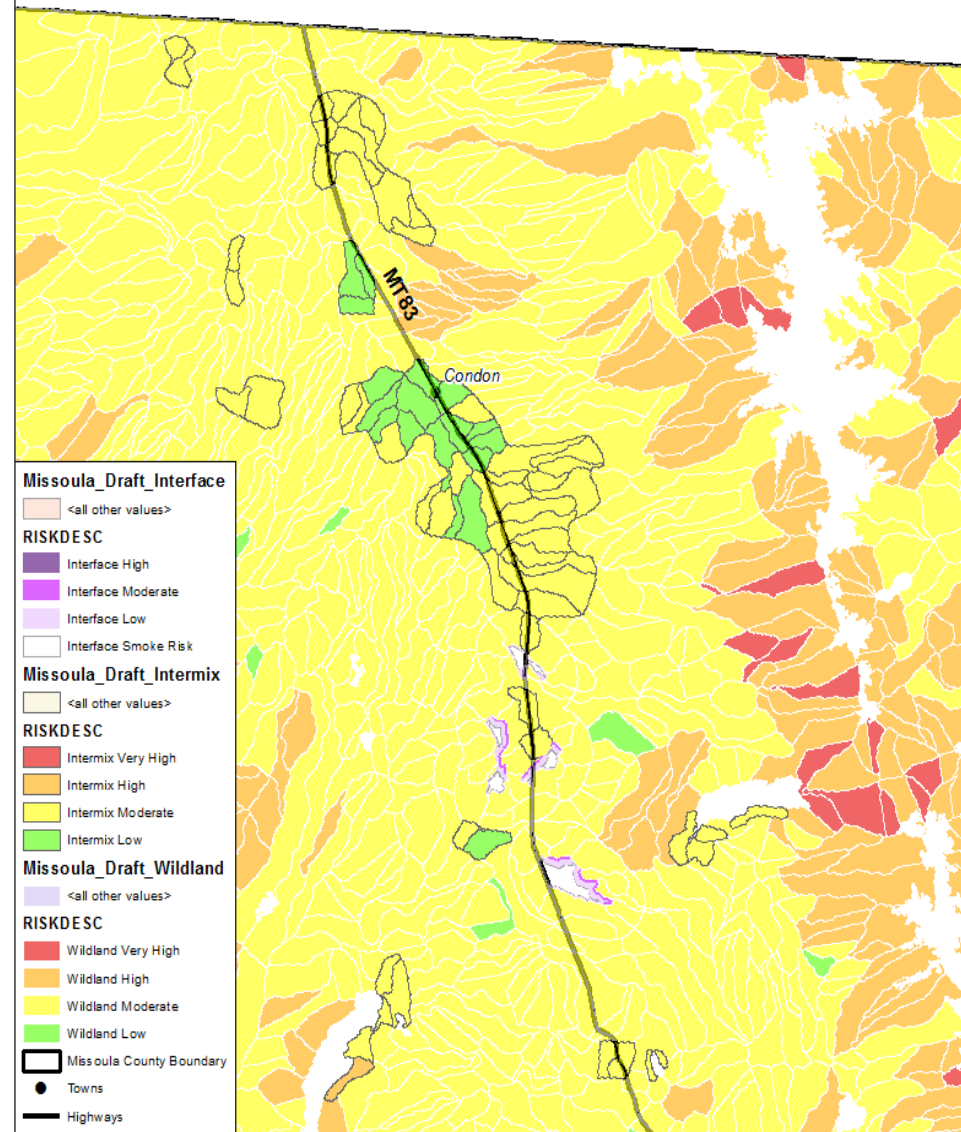
- Partnership
 - Missoula County
 - Headwaters Economics
 - Countywide assessment of wildfire risk to residential development
 - Predictive residential build-out modeling
- = Inform future land use planning**



Wildland-Urban Interface Map



NO-HARM Wildfire Risk Assessment



NO-HARM FIRE RISK MODELING

- Assess exposure of people and property to wildfire impacts
- Dataset includes common elements:
 - Topography
 - Fuels
 - Fire frequency
 - Weather
- Output focuses on the built environment

RESIDENTIAL PREDICTIVE BUILT-OUT MODELING

- Future growth trajectories
- Dataset includes elements such as:
 - Existing housing
 - Socioeconomic- *pop. density, per capita income*
 - Access/Infrastructure
 - Environment

POTENTIAL USES

- Public education
- Community Wildfire Protection Plan
- Growth Policy and Regional Plans
- Wildfire hazard assessment (sub regs)
- Grants

***Not intended for operations or emergency response**